

SAWMILL PARKWAY EXTENSION

Why Roundabouts?

Roundabout Travel Times

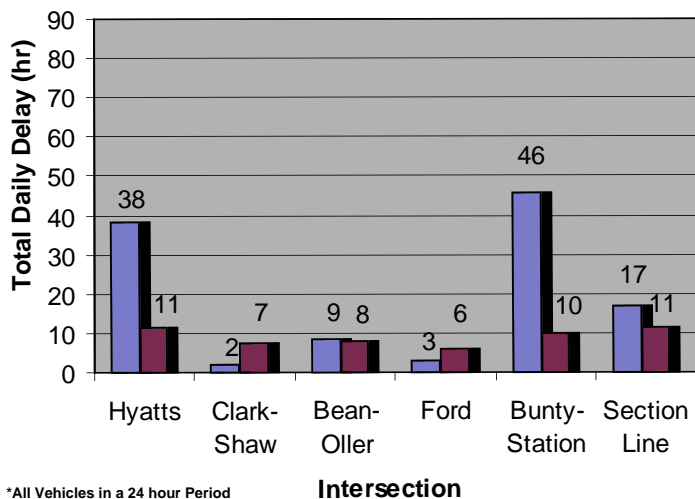
Estimated Peak Hour Travel Time Comparison (traffic simulation)

Intersection Scenario	Sawmill Parkway Extension Travel Time in Minutes (From Hyatts Rd to S. Section Line Rd)							
	2009 AM		2009 PM		2030 AM		2030 PM	
	NB	SB	NB	SB	NB	SB	NB	SB
Signals / Stop Signs	9.10	9.16	9.23	9.05	10.78	10.95	10.74	10.19
Roundabouts	8.61	8.62	8.63	8.62	8.78	8.87	9.04	8.83

Roundabout Efficiency

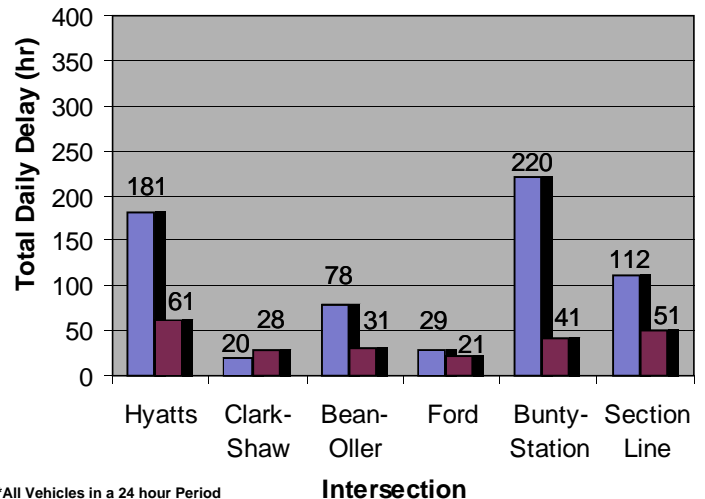
Roundabout versus Signalized Intersection Operation (traffic simulation)

2009 Daily Intersection Delay*



*All Vehicles in a 24 hour Period

2030 Daily Intersection Delay*



*All Vehicles in a 24 hour Period

■ 24-Hour Signal/Stop Sign Delay ■ 24-Hour Roundabout Delay



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BURGESS & NIPLE